

BOROUGH OF PORT TALBOT.



ANNUAL REPORT

OF THE

Medical Officer of Health

AND THE

Chief Sanitary Inspector

For the Year ended December 31st,

1941.



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On the Sanitary Administration and Vital
Statistics of the Borough of Port Talbot.

BY

TUDOR D. LLEWELLYN,

M.R.C.S., L.R.C.P., D.P.H.

Medical Officer of Health, School Medical Officer,
Superintendent of the Fever Hospital.

D. W. Jones, Printer, Port Talbot. 42525

Sanitary Committee.

Alderman W. H. VAUGHAN, J.P. (Mayor).
Councillor W. POTTS (Chairman). Councillor H. H. MACEY.
Councillor T. MAINWARING, J.P. Councillor J. J. EDWARDS.
Councillor JAMES LEWIS, J.P. Councillor J. PERKINS.
Councillor T. W. LEWIS, M.A., J.P. Councillor Major L. DAVID, J.P.
Councillor E. J. MORRIS. Councillor D. H. DAVIES.
Councillor H. A. GUNN. Councillor W. G. McNEIL.



Maternity and Child Welfare Committee.

Alderman W. H. VAUGHAN, J.P. (Mayor).
Councillor Mrs. L. G. EDWARDS, J.P. (Chairman).
Alderman J. H. JONES. Councillor T. MAINWARING, J.P.
Alderman J. NOONAN. Councillor T. I. REES.
Councillor D. H. DAVIES. Councillor Major L. DAVID, J.P.
Councillor H. H. MACEY. Councillor J. PERKINS.
Councillor W. POTTS. Councillor H. A. GUNN.

and the following co-opted ladies :—

Mrs. VAUGHAN (Mayoress). Mrs. E. KING (Cwmavon).
Mrs. CHARLES, John St., Aberavon. Mrs. HOPKINS, Bryn.
Mrs. EDWARDS, Wern Place. Mrs. WELLINGTON, Taibach.



Groeswen Hospital House Sub-Committee.

Councillor W. POTTS (Chairman).
Councillor J. J. EDWARDS. Councillor J. PERKINS.
Councillor JAMES LEWIS, J.P. Councillor E. J. MORRIS.
Councillor H. H. MACEY. Councillor D. H. DAVIES
Councillor Major L. DAVID, J.P.

STAFF OF THE PUBLIC HEALTH DEPARTMENT.



Medical Officer of Health—

TUDOR D. LLEWELLYN, M.R.C.S., L.R.C.P., D.P.H. (Wales)

Sanitary Inspectors—

G. A. MORGAN, Chief Sanitary Inspector.

(C.R.S.I. & C.S.I.B. as Sanitary Inspector, and C.R.S.I. as Meat and Food Inspector. C.I.H. and C.R.S.I. School Hygiene and Physiology.

General Hygiene Diploma, Institute of Hygiene. Testamur
Sanitary Science, University College of Wales. Member R.S.I.
Member Inst. Hygiene).

IDRIS JAMES, Sanitary Inspector.

(C.S.I.B. as Sanitary Inspector. C.R.S.I. as Meat and Food
Inspector General Hygiene Diploma, Institute of Hygiene).

S. THOMAS, Sanitary Inspector.

(C.S.I.B. as Sanitary Inspector, and C.R.S.I. as Meat and Food
Inspector, General Hygiene Diploma, Institute of Hygiene).

E. A. MORGAN, Sanitary Inspector.

(C.S.I.B. as Sanitary Inspector, and C.R.S.I. as Meat and Food
Inspector. Member R.S.I.)

Matron of Fever Hospital—

Miss O. ABEL.

Health Visitors and School Nurses—

Miss K. HILL, C.M.B., and H.V. Diploma.

Miss OLIVE DAVIES, C.M.B., S.R.N.

Miss C. P. RUTTLEY, C.M.B., S.R.N., H.V. Certificate.

Miss E. DAVIES, C.M.B., S.R.N.

Miss G. JENKINS, C.M.B., S.R.N., H.V. Certificate.

School Nurse—

Miss CAROLINE DAVIES.

Clerks—

Miss JOAN MORGAN. Miss MURIELLE REED.

Mr. T. BEATON.

Borough of Port Talbot.



To the Mayor and Members of the Port Talbot Corporation.

Mrs. Edwards and Gentlemen,

I have the honour of submitting for your consideration my Annual Report for the year 1941.

At the request of the Welsh Board of Health, this Report has been curtailed considerably.

The Birth Rate may be regarded as stationary, and the Death Rate is lower.

Infant Mortality has also fallen.

Most water supplies are now chlorinated, but the necessity for filtration still remains.

The milk standard is not what it ought to be, and judging by the laboratory reports there is less care taken to produce a clean milk than there was before the war. One can understand that farmers are worried by Government departments in much the same manner that other people are worried though one is forced to the conclusion that milk ought to be clean as it can be a source of grave potential danger to the public health.

Immunisation against Diphtheria was very slow, but at the time of writing this report the applications from parents have spurted forward.

Infectious Diseases have been lower than for some years, and the Isolation Hospital has not been overtaxed.

The Tubercular attack rate is higher, and many reasons can be advanced to account for it, and no doubt as a result of the disclosures made by the medical examination of so many people during this war, some far-reaching proposals may be expected to deal with this disease from the Government.

The attendance at the various clinics keeps up to average, and it is hoped that the time is not far distant when we shall see clinic buildings in the outlying parts of the Borough.

I wish to thank the Councillors for their interest and help during a difficult period, and also the Staff must be thanked for their loyalty.

I am,

Mrs. Edwards and Gentlemen,

Your obedient Servant,

Tudor D. Llewellyn,

Medical Officer of Health.

GENERAL INFORMATION.

The area of the Borough is 25,648 acres including the foreshore.

The prevailing winds are westerly and south westerly, while shelter is provided from northerly and easterly winds by mountains which abut upon the sea.

RAINFALL.

1941.	1940.	1939.	1938.	1937.	1936.	1935.	1934.	1933.	1932.	1931.	1930.	1929.
34.88	43.25	49.63	44.68	45.38	40.62	46.24	37.29	32.88	39.03	45.16	48.78	49.66

The wettest months were February, July and August, the driest months were April, June, September and November.

Number of inhabited houses:—

1921	7,197
1940 (estimated at)	11,460
Number of families or separate occupiers in 1921	8,458

Assessable value of the area year ending March 31st,		£ s. d.		
1941, for:—				
General Rate purposes	173,124	0	0	
Sum represented by 1d. rate	640	4	3	

POPULATION.

The population estimated by the Registrar General for mid-year 1941 was 40,740 for calculation of birth rates and death rates.

The people are employed chiefly in the following industries:—

Coal Mining.
Steel Works.
Copper Works.
Tin Works.
Fuel Works.
Brick Works.
Tin Stamping Works.
Railways and Docks.

VITAL STATISTICS.

Births.

Births registered during the year in the Borough were 497.

	<i>Males.</i>	<i>Females.</i>
Legitimate	269	219
Illegitimate	6	3
Total	275	222 = 497

Inward Transfers :—

Legitimate	97	82
Illegitimate	0	2
Total	372	306 = 678

Giving a total of—

Legitimate Births	366	301
Illegitimate Births	6	5
Total	372	306 = 678 births

The crude birth-rate for the year then would be 16.5 per 1,000 population.

The crude birth-rate for previous years may be compared :—

1941.	1940.	1939.	1938.	1937.	1936.	1935.	1934.	1933.	1932.	1931.	1930.
16.5	16.4	15.4	17.8	16.7	16.4	16.6	17.7	16.3	14.3	17.5	17.8
per 1,000											

The Illegitimate birth-rates were :—

1941.	1940.	1939.	1938.	1937.	1936.	1935.	1934.	1933.	1932.	1931.	1930.
0.24	0.2	0.3	0.5	0.2	0.22	0.39	0.29	0.54	0.44	0.66	0.62
per 1,000											

The total Births registered within the Borough were distributed as follows :—

Wards.	Total
Aberavon South Ward	172
Aberavon North Ward	88
Cwmavon	61
Margam West Ward	71
Margam Central Ward	90
Margam North Ward	15
	<hr/>
	497
	<hr/>

Deaths.

The number of deaths registered in the area during the year 1941 was 393; males 217, females 276.

The nett deaths in the area after correction for inward and outward transfers for 1941 were:—

	Males.		Females.		Total
Deaths registered in the area	217	.....	176	.....	393
Inward Transfers	41	.....	30	.....
	<hr/>		<hr/>		
	258	.....	206	.....
Outward Transfers	30	.....	2	.....
	<hr/>		<hr/>		
	228	.....	204	.....	432
	<hr/>		<hr/>		

The total number of deaths then was 432 which gives a recorded death rate of 10.6 per 1,000, and may be compared with previous years:—

1941.	1940.	1939.	1938.	1937.	1936.	1935.	1934.	1933.	1932.	1931.	1930.
10.6	12.86	12.02	12.8	12.3	11.07	12.3	11.8	13.4	11.4	11.07	11.46
											per 1,000

The standardising factor for correcting the death-rate so that it may be compared with other areas has been calculated and supplied by the Registrar General, and for this area the number is 1.19. The recorded death-rate must be multiplied by this factor in order to find the standardised death-rate which for this area is 12.6 per 1,000.

Zymotic Diseases.

The seven Zymotic Diseases are Small Pox, Measles, Scarlet Fever, Whooping Cough, Fever (which includes Typhus, Typhoid and Paratyphoid) and Diphtheria.

The death-rate from Zymotic Diseases may be regarded as an indication of the efficiency or otherwise of the Sanitary Administration of the area.

During the year 4 deaths from these diseases were registered, and the death-rates area as follows:—

1941.	1940.	1939.	1938.	1937.	1936.	1935.	1934.	1933.	1932.	1931.	1930.	1929.
0.09	0.14	0.32	0.07	0.24	0.14	0.14	0.27	0.34	0.04	0.36	0.72	0.41
per 1,000												

Inquests.

There were 59 inquests held within the Borough during 1941:—

1941.	1940.	1939.	1938.	1937.	1936.	1935.	1934.	1933.	1932.	1931.	1930.	1929.
59.	60.	46.	40.	50.	52.	51.	52.	57.	58.	36.	45.	38

The causes of death were as follows:—

Disease	10
Accident (Works, etc.)	15
Accident (Road, etc.)	20
Accident (Air)	3
Suicide	5
Poisoning (Open Verdict)	1
Drowning	5

—
59
=

No. of inquests held within the Borough	59
Deduct Outward Transfers	12

—
47

Add Inward Transfers	6
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Inquests held on Borough Residents.....	53
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—
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Infant Mortality Rate.

This is defined as the number of deaths registered of infants under one year of age, per 1,000 births registered during the year.

The total number of infant deaths during the year was made up as follows:—

	Males.	Females.
Legitimate	15	12
Illegitimate	0	0
<hr/>		
Add Inward Transfers	15	12
Deduct Outward Transfers	6	3
	0	0
<hr/>		
	21	15

This gives a total of 36 deaths.

The total Infant Mortality rate for the year would then be 53 per 1,000, and may be compared:—

1941.	1940.	1939.	1938.	1937.	1936.	1935.	1934.	1933.	1932.	1931.	1930.
53.	78.	87.	67.	56.2	42.1	71.3	65.4	95.7	68.6	80.6	69.1
per 1,000											

The corrected figure supplied by the Registrar General for the Borough for comparative purposes is 53 per 1,000, and so the rate may be compared thus:—

	1941	1940	1939	1938	1937	1936	1935
Port Talbot	53	65	80	78	54	46	72
					per 1,000 births.		
England and Wales	59	55	50	53	58	59	57
					per 1,000 births.		
126 County Boroughs and Great Towns	71	61	53	57	62	63	62
					per 1,000 births.		
148 Smaller Towns—Popu- lation 20,000—50,000	56	54	40	51	55	55	55
					per 1,000 births.		

GENERAL PROVISION OF HEALTH SERVICES IN THE BOROUGH.

Isolation Hospital.

The Groeswen Hospital with 44 beds has been able to cope with all the demands made upon its accommodation during the year.

Maternity Home Accommodation.

Accommodation can always be found either in the Maesteg Home or in Penrhiwtyn.

One case was accommodated during 1938 at the expense of this Authority.

It is becoming noticeable from the notification of births that there is a strong desire on the part of the expectant mother to enter a home for her confinement. Many do this at their own expense, and I am of the opinion that this procedure ought to be encouraged.

Maternal Mortality.

Investigations are being undertaken by the Medical Officer of Health in any case of maternal death upon the form prescribed by the Ministry of Health, and the services for investigation purposes of Dr. Lloyd Davies of Swansea, are available whenever special advice should be required.

Puerperal Pyrexia.

Cases of Puerperal Pyrexia can now be treated in the Groeswen Isolation Hospital.

Small Pox.

Cases of Small Pox cannot be isolated in the Old Isolation Hospital as it is now dismantled. No cases were notified during the year, nor has any provision been made for isolation of these cases.

Tuberculosis.

There are no Sanatoria or Tuberculosis Hospitals in the area, and these cases are cared for by the Welsh National Memorial.

Hospitals for Children.

There are no hospital beds for children in the area. The Local Authority has power to provide such beds. Nor is there any provision made for unmarried mothers, illegitimate children and homeless children in the area.

Ambulance Facilities.

Infectious diseases are removed by a motor-ambulance maintained by the Corporation.

There are no ambulance facilities provided by the Local Authority for non-infectious cases and accidents, but for this purpose, a motor-ambulance is available at the General Hospital.

CLINICS AND TREATMENT CENTRES.**Maternity and Child Welfare Centres.**

There are at present five Maternity and Child Welfare Centres in the area at which consultations are held and treatment of simple ailments are carried out. Dental treatment for children below school age, and for expectant mothers is now carried out by the School Dental Surgeon at Taibach, Cwmavon and Pendarves Street Clinics.

The Pendarves Street Clinic was opened in May, 1939, and is now rapidly becoming one of the busiest clinics.

ANTE-NATAL AND BIRTH CONTROL CLINICS.

Ante-Natal Clinic.

This was opened at the end of September, 1934 and held in the Taibach Clinic fortnightly. Dr. Sybil Morgan, Llantrisant, is in attendance. There was an average attendance of 10 per session, and if this attendance increases as it is doing this clinic will have to be held weekly.

A monthly session is held in the Cwmavon Clinic in addition to the Clinic in Taibach.

Birth Control Clinic.

This was opened at the same time as the Ante-Natal Clinic in the same premises and also held fortnightly, but during the morning session and under the same Medical Officer. The conditions of the Ministry of Health in Circular 1408 are observed.

Attendance at this Clinic has been very slow—only an average attendance of 3 per session, though each case when advice on contraception has been given was one which needed instruction.

This clinic is now being held only when necessary.

School Clinics.

These are described in the School Medical Officer's Report and are held in the Health Offices, Taibach, comprising:—

1. Dental Clinic—held daily.
2. Ophthalmic Clinic—held when necessary.
3. Minor Ailment Clinic—held once weekly.

Tuberculosis Visiting Station.

This station has been closed and all patients are obliged to visit the Centre in Neath.

Venereal Diseases Clinic.

This is maintained by the Glamorgan County Council and is situated near the Great Western Railway Station. It is open for males on Monday and Thursday, and for females on Wednesday.

Professional Nursing in the Home.

There are no arrangements made by the Local Authority for nursing general and infectious diseases at home.

Midwives.

Midwives are supervised by the Glamorgan County Council and in this area there are 11 trained and no untrained midwives. None of these are employed or subsidised by the Local Authority

Chemical and Bacteriological Work.

This work is carried out upon an agreed scale of payment by the Cardiff and County Public Health Laboratory, Cardiff.

A stock of Diphtheria Swabs, Vidal Outfits and Sputum bottles is kept at the Health Department which are given to Medical Attendants on request.

The following is an outline of the work carried out by the Laboratory :—

	Total.	Positive
Examination of Swabs for Diphtheria	231	46
Examination of Blood for Enteric	3	1
Examination of Urine for Tubercle	1	0
Examination of Sputum for Tubercle	38	7
Examination of Spinal Fluid for C.S. Fever	39	27
Examination of Blood for Strep. Haemoliticus	0	0
Examination of Blood for Weil's Disease	0	0

Water Supplies.

During the year the Laboratory reported upon 28 samples of water, and as chlorination is applied to the bigger sources, the bacteriological examinations show good results, but merely by chlorination of water supplies the responsibility for filtration still remains and it is one of the "Acts of Omission" to be placed to the account of the Council.

Milk (Special Designation) Order.

One person was licensed to sell milk under the designation "Pasteurised" in accordance with this Order.

The name and premises is—Portavon Dairy Company, Holland Street, Port Talbot.

One person is licensed to sell milk under the designation "Grade A. Tuberculin Tested," viz.: Mr. J. Thomas, Home Park Farm, Margam, who is also a producer.

Samples of milk are taken regularly for examination and these will be found in the Chief Sanitary Inspector's Report.

Legislation in Force.

The following adoptive Acts and Orders are in force in the Borough :—

DIPHTHERIA ANTITOXIN ORDER, 1910.

Diphtheria Antitoxin is supplied free of charge to Medical Practitioners for patients who reside within the Borough. This is generally appreciated and encouragement is given to make use of it. Success in the treatment of this disease depends upon its early detection and the administration of an adequate dose of antitoxin. Not only is the incidence of a high mortality rate prevented, but also the occurrence of serious complications and a delayed convalescence is obviated.

DIPHTHERIA IMMUNISATION.

935 children have been treated during 1941.

The material used is "Diphtheria Toxide Alum Precipitated" in two injections of 0.1 and 0.5 c.c.

The material is supplied to the Family Doctor who gives the injection and is paid two-shillings for each injection.

Public Health Acts, Amendment Act, 1907, became operative 9/11/21.

The Infectious Disease Prevention Act, 1890, became operative 9/11/21.

Public Health Acts, Amendment Act, 1890, became operative 9/11/21.

Private Streets Works Act, 1892, became operative 9/11/21.

Public Health Act, 1925 (Sections relating to Urban Districts) became operative in 1926.

Byelaws have been framed to regulate the following offensive trades :—

Offensive trades, became operative 9/11/21.

Nuisances became operative 9/11/21.

Cleansing of footways and pavements, the removal of house refuse and the cleansing of earth closets, privies, ashpits and cesspools, became operative 9/11/21.

Seamen's Lodging Houses, became operative 9/11/21.

Slaughterhouses, became operative 20/4/26.

Common Lodging Houses, became operative 9/11/21.

Summary Proceedings.

Summary proceedings under the various Acts, Orders and Regulations were instituted and may be seen in the Chief Sanitary Inspector's Report.

SANITARY INSPECTION OF THE AREA.

HOUSING, TOWN PLANNING, ETC, ACTS, 1909—1919.

FACTORIES AND WORKSHOPS.

BAKEHOUSES.

GENERAL INSPECTIONS.

Details of all the above are printed in the Chief Sanitary Inspector's Report.

SCAVENGING.

Our refuse tips are less of a nuisance than they used to be as supervision of the tipping is stricter, and the refuse is now being covered—this is a modification of the Bradford System.

SMOKE ABATEMENT.

The duties devolving upon the Sanitary Authority and its Officials have been carried out and details may be found in the Chief Sanitary Inspector's Report.

PREMISES AND OCCUPATIONS WHICH CAN BE CONTROLLED BY BYELAWS OR REGULATIONS.

Cinemas and Amusement Houses.

Eight were licensed during the year. They are visited at intervals by the Cinema Committee.

Various breaches of the Byelaws have been discovered and remedied from time to time.

Swine and Keeping of Animals.

Details may be seen in the Sanitary Inspector's Report

Slaughter-Houses.

At the end of 1939 the licences of the eight slaughter-houses in the Borough were not renewed, and the Water Street premises owned by the Corporation was re-conditioned ready for use on January, 1940, so that it might be used as a centre for slaughtering under the Ministry's Scheme for war slaughtering.

The building, although much better fitted for its purpose than before the alterations, still leaves room for improvement.

DISINFECTION AND DISINFESTATION.

The only facilities for disinfection are in the Borough Fever Hospital.

The clothing, etc., of infectious cases is taken up to be disinfected and premises from which cases have been removed are disinfected by means of a formalin lamp.

When a child contracts any infectious disease he is isolated, the Head Teacher notified, and all contacts excluded if necessary

HOUSING.

There were no houses built during 1941.

(a) Total (including numbers given separately under (b)	0
(b) With State assistance under the Housing Acts:—	
(i) By Local Authority	0
(ii) By other Bodies or Persons	0

1.—Inspection of Dwelling Houses during the Year.

(1) (a) Total number of dwelling houses inspected for housing defects (under Public Health or Housing Acts)	671
(b) Number of inspections made for the purpose	3067
(2) (a) Number of dwelling houses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925	0
(b) Number of inspections made for the purpose	0
(3) Number of dwelling houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	0
(4) Number of dwelling houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation	279

2.—Remedy of defects during the year without Service of Formal Notices.

Number of defective dwelling houses rendered fit in consequence of Informal action by the Local Authority or their officers	137
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3.—Action under Statutory Powers during the Year.

A.—Proceedings under Sections 17, 18 and 23 of the Housing Act, 1930:—

(1) Number of dwelling houses in respect of which notices were served requiring repairs	0
(2) Number of dwelling houses which were rendered fit after service of formal notices :—	
(a) By Owners	0
(b) By Local Authority in full default of Owners	0
B.—Proceedings under Public Health Acts :—	
(1) Number of dwelling houses in respect of which notices were served requiring defects to be remedied	70
(2) Number of dwelling houses in which defects were remedied after service of formal notices :—	
(a) By Owners	60
(b) By Local Authority in default of Owners	0
C.—Proceedings under Sections 19 and 21 of the Housing Act, 1930 :—	
(1) Number of dwelling houses in respect of which Demolition Orders were made	0
(2) Number of dwelling houses demolished in pursuance of Demolition	0
D.—Proceedings under Section 20 of the Housing Act, 1930 :—	
(1) Number of separate tenements or underground rooms in respect of which Closing Orders were made	0
(2) Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit	0

4.—Housing Act, 1936.—Part IV.—OVERCROWDING.

(a) (i) Number of dwellings overcrowded at the end of the year	149
(ii) Number of families dwelling therein	164
(iii) Number of persons dwelling therein	1036
(b) Number of new cases of overcrowding reported during the year	4
(c) (i) Number of cases of overcrowding relieved during the year	3
(ii) Number of persons concerned in such cases	18

(d) Particulars of any cases in which dwelling houses have again become overcrowded after the Local Authority have taken steps for the abatement of overcrowding 1

(e) Any other particulars with respect to overcrowding conditions upon which the Medical Officer of Health may consider it desirable to report.

The prohibition upon building houses to relieve overcrowding has left an aftermath of dilapidated property which, when building will again be permitted, will very likely become totally and completely untenable.

An effort has been made to render some of these premises more or less wind and rain-proof, but all this property is rapidly becoming worse.

MEAT INSPECTION.

Notification of slaughter is carried out in a satisfactory manner.

Carcases Inspected and Condemned.

	Cattle, Excluding Cows.	Cows.	Calves.	Sheep & Lambs.	Pigs.
Number killed (if known) 1392 615 1511 21785 810	1392	615	1511	21785	810
Number Inspected 1392 615 1511 21785 810	1392	615	1511	21785	810
<i>All diseases except Tuberculosis.</i> Whole					
Carcases condemned 2 0 0 33 0	2	0	0	33	0
Carcases of which some part or organ was condemned 110 80 1 5186 14	110	80	1	5186	14
Percentage of the number inspected affected with disease other than Tuberculosis 8.146% 13.008% 0.066% 23.961% 1.728%	8.146%	13.008%	0.066%	23.961%	1.728%
<i>Tuberculosis only—</i>					
Whole Carcases condemned 0 6 0 0 1	0	6	0	0	1
Carcases of which some part or organ was condemned 194 97 0 0 103	194	97	0	0	103
Percentage of the number inspected affected with Tuberculosis 13.936% 16.747% 0 0 12.839%	13.936%	16.747%	0	0	12.839%

INSPECTION AND SUPERVISION OF FOOD.

This Corporation has now been appointed the Authority for the administration of the Food and Drugs Acts.

Mr. Seyler, of Swansea, has been appointed the Analyst for this purpose.

Many samples have been submitted for analysis and have been found on the whole satisfactory.

Nutrition.

The Medical Officer of Health has met many societies in the district during the year and spoken upon this subject and other subjects appertaining to Public Health.

INFECTIOUS DISEASES.

The number of Infectious Diseases showed a decrease on 1940.

During the year, the following cases were notified :—

Dis'se	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941
Scarlet													
Fever	63	37	40	24	148	185	56	175	188	299	59	52	40
Diph'ria	149	169	90	31	27	81	23	27	22	171	182	134	64

The figures show the following variation from 1940:—

Scarlet Fever decreased by twelve cases.

Diphtheria decreased by seventy cases.

The following cases were removed to Hospital:—

Disease	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941
Scarlet Fever	29	17	134	175	53	168	181	287	55	45	38
Diphtheria	84	30	26	76	23	27	21	69	182	133	64

Scarlet Fever.

1941. 1940. 1939. 1938. 1937. 1936. 1935. 1934. 1933. 1932. 1931.

| | | | | | | | | | | | |
|-------------|-----------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Attack Rate | .98 | 1.2 | 1.3 | 7.1 | 4.6 | 4.3 | 1.3 | 4.3 | 3.6 | .59 | .59 |
| | Per 1,000 population. | | | | | | | | | | |

Details of the distribution of the disease will be seen in the Chief Sanitary Inspector's Report.

The greatest number of notifications came from Aberavon South Ward.

The smallest number of notifications came from Margam North Ward.

There were 39 houses affected as follows:—

| | |
|---------------------------------------|----------|
| 38 houses with one case in each | 38 cases |
| 1 house with two cases | 2 cases |
| | <hr/> |
| | 40 cases |
| | <hr/> |

Analysis of the ages at Death:—

| | 0-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-10 | 10-15 | 15-20 | 20-25 | | |
|---------------|-----|-----|-----|-----|-----|------|-------|-------|-------|-----|---|
| Scarlet Fever | | | | | | | | | | | |
| Deaths | 0 | ... | 0 | .. | 0 | ... | 0 | ... | 0 | ... | 0 |

Diphtheria.

During the year 64 cases were notified, a decrease of 70 compared with 1940.

The heaviest incidence fell on the Margam West Ward with 21 cases, whilst the lowest number of notifications came from Margam North Ward with 1 case.

There were 61 houses affected as follows:—

| | |
|---------------------------------------|-------|
| 58 houses with one case in each | 58 |
| 3 houses with two cases in each | 6 |
| | <hr/> |
| | 64 |
| | <hr/> |

Of the 64 cases removed 37 were positive.

Further details will be seen in the Sanitary Inspector's Report.

Analysis of the ages at death:—

| | 0-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-10 | 10-15 | 15-20 |
|-------------------|-----|-----|-----|-----|-----|------|-------|-------|
| Diphtheria Deaths | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 |

The attack rate was .9 per 1,000 population, and may be compared:—

| 1941. | 1940. | 1939. | 1938. | 1937. | 1936. | 1935. | 1934. | 1933. | 1932. | 1931. | 1930 |
|-----------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| .9 | 2.03 | 3.5 | 1.7 | .5 | .6 | .55 | 1.9 | .66 | .76 | 2.2 | 4.02 |
| per 1,000 population. | | | | | | | | | | | |

Scarlet Fever and Diphtheria.

There was one case of these two diseases combined in one person.

Puerperal Pyrexia.

There were no notifications of this disease.

Pneumonia.

| | 1941 | 1940 | 1939 | 1938 | 1937 | 1936 | 1935 | 1934 | 1933 | 1932 | 1931 |
|----------------|------|------|------|------|------|------|------|------|------|------|------|
| Cases notified | 6 | 11 | 12 | 12 | 9 | 3 | 7 | 9 | 51 | 10 | 1 |

The following Table shows the number of Infectious Diseases notified, and their distribution into Wards.

| Wards.
1941 | Scarlet Fever | Diphtheria. | Diphtheria &
Scarlet Fever. | Erysipelas. | Encephalitis
Lethargica. | Cerebro Spinal
Meningitis. | Pneumonia. | Ophthalmia
Neonatorum | Puerperal Fever | Puerperal
Pyrexia. | Tuberculosis
Pulmonary | Tuberculosis
Non-Pulmonary. | Enteric Fever. | Small Pox. | Polio-myelities. |
|------------------|---------------|-------------|--------------------------------|-------------|-----------------------------|-------------------------------|------------|--------------------------|-----------------|-----------------------|---------------------------|--------------------------------|----------------|------------|------------------|
| Margam
West | 4... | 21... | 0... | 3... | 0... | 3... | 2... | 0... | 0... | 0... | 16 | 2 | ... | 0... | 0... |
| Margam
Cen'al | 4... | 10... | 0... | 3... | 0... | 3... | 1... | 0... | 0... | 0... | 14 | 6 | ... | 0... | 0... |
| Margam
North | 2... | 1... | 0... | 2... | 0... | 0... | 0... | 0... | 0... | 0... | 1 | 5 | ... | 0... | 0... |
| Aber'on
South | 16... | 14... | 0... | 1... | 0... | 7... | 1... | 0... | 0... | 0... | 15 | 8 | ... | 0... | 0... |
| Aber'on
North | 8... | 11... | 1... | 2... | 0... | 8... | 2... | 0... | 0... | 0... | 15 | 1 | ... | 0... | 0... |
| Cwm-
avon | 6... | 7... | 0... | 0... | 0... | 5... | 0... | 0... | 0... | 0... | 5 | 6 | ... | 0... | 0... |
| Totals | | | | | | | | | | | | | | | |
| 1941 | 40... | 64... | 1... | 11... | 0... | 26... | 6... | 0... | 0... | 0... | (66...28) = 94 | ... | 0... | 0... | 1 |
| 1940 | 52... | 84... | 0... | 11... | 0... | 38... | 11... | 3... | 1... | 4... | (58...18) = 76 | ... | 0... | 0... | 0 |
| 1939 | 59... | 143... | 1... | 9... | 0... | 2... | 12... | 4... | 0... | 5... | (53...14) = 67 | ... | 0... | 0... | 1 |
| 1938 | 299... | 71... | 0... | 9... | 1... | 1... | 12... | 1... | 0... | 7... | (53...15) = 68 | ... | 0... | 0... | 1 |
| 1937 | 188... | 22... | 1... | 4... | 1... | 0... | 9... | 1... | 0... | 2... | (52...15) = 67 | ... | 2... | 0... | 0 |
| 1936 | 175... | 27... | 0... | 10... | 1... | 0... | 3... | 0... | 0... | 2... | (52...10) = 62 | ... | 0... | 0... | 0 |
| 1935 | 56... | 23... | 0... | 14... | 2... | 0... | 7... | 3... | 2... | 1... | (64...21) = 85 | ... | 0... | 0... | 0 |
| 1934 | 185... | 81... | 1... | 12... | 0... | 2... | 9... | 1... | 2... | 1... | (81...31) = 112 | ... | 0... | 0... | 0 |
| 1933 | 148... | 27... | 2... | 16... | 0... | 0... | 51... | 6... | 2... | 1... | (63... 7) = 70 | ... | 1... | 0... | 1 |
| 1932 | 24... | 31... | 0... | 13... | 3... | 0... | 10... | 6... | 2... | 0... | (63...16) = 79 | ... | 0... | 7... | 0 |
| 1931 | 40... | 90... | 2... | 6... | 1... | 0... | 1... | 2... | 0... | 0... | (85...15) = 100 | ... | 0... | 0... | 1 |
| 1930 | 37... | 167... | 0... | 5... | 0... | 0... | 6... | 2... | 0... | 1... | (56...15) = 71 | ... | 0... | 0... | 1 |

Malaria and Trench Fever.

There were no notifications during 1941.

Ophthalmia Neonatorum.

There were no notifications during 1941.

Vaccinations.

No vaccinations or re-vaccinations were carried out by the Medical Officer of Health under the Public Health (Small Pox Prevention) Regulations.

Non-Notifiable Acute Infectious Diseases.

These include Mumps—Chicken-pox not being notifiable at present. Information concerning these diseases reaches the Health Office through the Health Visitors, School Nurses, Head Teachers and Attendance Officers.

Prevention of Blindness.

No action has been taken under Section 176 of the Public Health Act, 1936.

Borough Fever Hospital.

This has been described earlier in the report under the heading "General Provision of Health Services in the Area."

The following cases were removed to Hospital:—

| | 1941 | 1940 | 1939 | 1938 | 1937 | 1936 | 1935 | 1934 | 1933 |
|-------------------------------------|------|------|------|------|------|------|------|------|------|
| Small Pox | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Scarlet Fever | 38 | 45 | 55 | 289 | 181 | 168 | 53 | 175 | 134 |
| Diphtheria | 64 | 133 | 140 | 118 | 21 | 27 | 23 | 76 | 26 |
| Diphtheria & Scarlet
Fever | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 1 | 2 |
| Enteric Fever | 0 | 0 | 0 | 1 | 2 | 0 | 0 | 0 | 0 |
| Meningitis | 26 | 38 | 2 | 1 | 0 | 0 | 0 | 0 | 0 |
| Erysipelas | 1 | 5 | 2 | 2 | 0 | 7 | 3 | 5 | 9 |
| Puerperal Pyrexia | 0 | 5 | 3 | 4 | 0 | 0 | 0 | 0 | 0 |
| Infantile Paralysis | 0 | 0 | 1 | 3 | 0 | 0 | 0 | 0 | 0 |
| | 130 | 226 | 204 | 418 | 205 | 302 | 80 | 257 | 171 |

Deaths in Hospital:—

| | Port Talbot Cases. | Outside Cases. |
|------------------|--------------------|----------------|
| Diphtheria | 3 | 1 |
| Meningitis | 1 | 0 |
| Pneumonia | 6 | 0 |

Tuberculosis.

New cases and mortality during 1941:—

| Age Periods | NEW CASES. | | | | DEATHS. | | | |
|------------------------|-----------------|----|---------------------|----|-----------------|----|---------------------|----|
| | Pul-
monary. | | Non-Pul-
monary. | | Pul-
monary. | | Non-Pul-
monary. | |
| | M. | F. | M. | F. | M. | F. | M. | F. |
| Under 1 year | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Over 1 year & under .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 5 years | 0 | 0 | 1 | 2 | 0 | 0 | 0 | 0 |
| Over 5 years & under | .. | .. | .. | .. | .. | .. | .. | .. |
| 10 years | 0 | 0 | 3 | 1 | 0 | 0 | 1 | 0 |
| Over 10 years & under | .. | .. | .. | .. | .. | .. | .. | .. |
| 15 years | 4 | 1 | 4 | 4 | 0 | 1 | 0 | 1 |
| Over 15 years & under | .. | .. | .. | .. | .. | .. | .. | .. |
| 20 years | 7 | 5 | 3 | 5 | 2 | 3 | 2 | 1 |
| Over 20 years & under | .. | .. | .. | .. | .. | .. | .. | .. |
| 25 years | 4 | 7 | 0 | 0 | 0 | 2 | 0 | 0 |
| Over 25 years & under | .. | .. | .. | .. | .. | .. | .. | .. |
| 35 years | 12 | 7 | 2 | 2 | 4 | 4 | 2 | 1 |
| Over 35 years & under | .. | .. | .. | .. | .. | .. | .. | .. |
| 45 years | 4 | 2 | 1 | 0 | 1 | 1 | 0 | 0 |
| Over 45 years & under | .. | .. | .. | .. | .. | .. | .. | .. |
| 55 years | 4 | 4 | 0 | 0 | 2 | 2 | 1 | 0 |
| Over 55 years & under | .. | .. | .. | .. | .. | .. | .. | .. |
| 65 years | 4 | 1 | 0 | 0 | 3 | 2 | 0 | 0 |
| Over 65 years | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 |
| Totals .. | 39 | 27 | 14 | 14 | 14 | 15 | 6 | 3 |

Non-notified Tuberculosis deaths 2

Notified Tuberculosis deaths 35

The ratio of non-notified Tuberculosis deaths to total Tuberculosis deaths is therefore 1.17

There is no evidence of excessive incidence of, or mortality from Tuberculosis in any particular occupation.

The attack rate was as follows:—

1941. 1940. 1939. 1938. 1937. 1936. 1935. 1934. 1933. 1932. 1931. 1930.

2.3 1.7 1.6 1.6 1.9 1.5 2.09 2.7 1.7 1.9 1.002 1.7

per 1,000

During the year 94 notifications of all forms of Tuberculosis were received as follows:—

| | Pulmonary. | Non-Pulmonary. |
|---------------|------------|----------------|
| Males | 39 | 14 |
| Females | 27 | 14 |
| Totals | 66 | 28 |
| Total | 94 | |

At the end of the year, after death removals and cures had been adjusted, there were 477 cases on the register, made up as follows:—

| | Pulmonary. | Non-Pulmonary. |
|---------------|------------|----------------|
| Males | 165 | 58 |
| Females | 183 | 71 |
| Totals | 348 | 129 |
| Total | 477 | |

| Institution. | ADMISSIONS. | | DISCHARGES. | |
|--------------------|-------------|---------------|-------------|---------------|
| | Pulmonary | Non-Pulmonary | Pulmonary | Non-Pulmonary |
| Cymla Hospital | 20 | 1 | 26 | 1 |
| Talgarth | 3 | 1 | 1 | 0 |
| Llanybyther | 4 | 0 | 4 | 0 |
| Sully | 3 | 0 | 2 | 0 |
| Craig-y-Nos | 6 | 3 | 3 | 3 |
| Denbigh | 4 | 1 | 6 | 1 |
| Midhurst | 0 | 0 | 0 | 0 |
| Highland Moors | 1 | 0 | 1 | 0 |
| Pontsarn | 0 | 0 | 0 | 0 |
| Preston Hall, Kent | 0 | 0 | 0 | 0 |
| Glan Ely Hospital | 1 | 0 | 0 | 0 |
| Milford | 0 | 0 | 1 | 0 |
| Haverfordwest | 0 | 0 | 0 | 1 |
| Totals | 42 | 6 | 44 | 6 |

Deleted from Register:—

| | |
|-----------------------------|-------|
| By Death | 17 |
| Removed from District | 7 |
| Transfers | 0 |
| Cured | 3 |
| Refuses Treatment | 0 |
| | <hr/> |
| | 27 |
| | <hr/> |

The disease was notified as follows:—

| | |
|---|-------|
| By Private Practitioners | 11 |
| By Tuberculosis Physicians | 80 |
| By Practitioners and Physicians | 0 |
| On Form "I" (Admission to Hospital) | 0 |
| Transfers | 0 |
| By M.O.H. | 3 |
| | <hr/> |
| | 94 |
| | <hr/> |

The organs and tissues affected were:—

| | |
|--------------------|-------|
| Glands | 14 |
| Epididimitis | 0 |
| Spine | 1 |
| Meninges | 3 |
| Hip | 3 |
| Abdomen | 5 |
| Eye | 0 |
| Other Forms | 2 |
| | <hr/> |
| | 28 |
| | <hr/> |

The distribution of the notifications is as follows:—

| | Pulmonary. | Non-Pulmonary. |
|---------------------------|------------|----------------|
| Margam West Ward | 16 | 2 |
| Margam Central Ward | 14 | 6 |
| Margam North Ward | 1 | 5 |
| Aberavon South Ward | 15 | 8 |
| Aberavon North Ward | 15 | 1 |
| Cwmavon Ward | 5 | 6 |
| | <hr/> | <hr/> |
| | 66 | 28 |
| | <hr/> | <hr/> |

Particulars of all cases notified and all deaths will be seen on Table VI.

After removal or death of a case of Tuberculosis, all premises and clothing are disinfected.

The treatment of Tuberculosis is carried out by the Welsh National Memorial for Tuberculosis. The patients are admitted to one or another of their Institutions.

The Tuberculosis Station that up to four years ago was held at the Riding School now does not exist, and I consider that Port Talbot is large enough and central enough to warrant a Centre being held here.

All cases are visited by the Health Visitor as soon as notified, and Form T. 1, Wales is completed in each case and forwarded to the Tuberculosis Physician.

PUBLIC HEALTH (PREVENTION OF TUBERCULOSIS) REGULATIONS, 1925.

Observations were taken under Section 3, but no occasion arose to cause procedure under Article 5 of the Regulations

PUBLIC HEALTH ACT, 1936, SECTION 172.

No action was necessary under this Section.

MATERNITY AND CHILD WELFARE.

The work carried out in connection with Maternity and Child Welfare includes:—

Health Visiting.

Infant Consultation at the Centres.

Provision of Milk for Expectant and Nursing Mothers and Children.

Ante-natal Visiting.

Dental Extractions.

The five Health Visitors now devote about half their time to school work. The new arrangement is working smoothly

Each child is visited as soon after its birth as possible, and the frequency of the re-visits depends upon the progress of the child and upon its home conditions.

In October, 1934 an Ante-natal Clinic and a Birth Control Clinic were opened. There are being held fortnightly and Dr. Sybil Morgan, Llantrisant, attends.

The Ante-natal Clinic is well patronised. The latter is conducted according to the Regulations of the Ministry of Health.

The attendances at these Clinics are to be seen in another part of this Report.

The work of the Health Visitors is shown in the following Table:—

| | | First
Visits. | | Re-visits
under 1 year. | | Re-visits
1—5 |
|------|-------|------------------|-------|----------------------------|-------|------------------|
| 1930 | ..... | 738 | ..... | 1,274 | ..... | 2,049 |
| 1931 | ..... | 699 | ..... | 1,241 | ..... | 1,776 |
| 1932 | ..... | 668 | ..... | 1,259 | ..... | 2,357 |
| 1933 | ..... | 635 | ..... | 1,029 | ..... | 2,734 |
| 1934 | ..... | 690 | ..... | 2,500 | ..... | 2,756 |
| 1935 | ..... | 646 | ..... | 1,857 | ..... | 2,187 |
| 1936 | ..... | 710 | ..... | 1,747 | ..... | 4,168 |
| 1937 | ..... | 671 | ..... | 1,254 | ..... | 4,773 |
| 1938 | ..... | 688 | ..... | 2,121 | ..... | 4,189 |
| 1939 | ..... | 648 | ..... | 1,697 | ..... | 3,746 |
| 1940 | ..... | 598 | ..... | 2,195 | ..... | 3,866 |
| 1941 | ..... | 674 | ..... | 1,627 | ..... | 3,280 |

Ante-Natal Visiting.

At present visits are paid by the Health Visitors to ante-natal cases whom they hear of in their districts.

The number of visits paid by the Health Visitors to ante-natal cases was:—

| | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|
| 1941 | 1940 | 1939 | 1938 | 1937 | 1936 | 1935 | 1934 | 1933 | 1932 | 1931 | 1930 |
| 103 | 97 | 246 | 134 | 255 | 174 | 71 | 60 | 50 | 51 | 51 | 96 |

Still-Birth Visiting.

There were 14 stillbirths notified during the year.

Comparative figures:—

| | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|
| 1941 | 1940 | 1939 | 1938 | 1937 | 1936 | 1935 | 1934 | 1933 | 1932 | 1931 | 1930 |
| 14 | 23 | 27 | 34 | 39 | 39 | 34 | 28 | 34 | 36 | 40 | 43 |

Still-births

Death Enquiries.

The purpose of these enquiries is to ascertain whether any conditions harmful to infant life are present which could be remedied.

| 1941 | 1940 | 1939 | 1928 | 1937 | 1936 | 1935 | 1934 | 1933 | 1932 | 1931 | 1930 |
|------|------|------|------|------|------|------|------|------|------|------|------|
| 17 | 22 | 12 | 34 | 35 | 9 | 29 | 27 | 46 | 20 | 33 | 39 |

Visits paid.

Ophthalmia Neonatorum.

There were no cases notified.

Puerperal Pyrexia.

No cases were notified.

Diarrhoea.

There were no deaths during the year.

Maternal Mortality.

There were three deaths due to pregnancy or child-birth during 1941, which gives a maternal death-rate of 4.3 per 1,000 births.

Orthopaedic Treatment.

Arrangements have been made with the Prince of Wales' Orthopaedic Hospital, Cardiff, for this work. The children of parents who come within a scale of income are treated at the expense of the Maternity and Child Welfare Committee.

Treated at the Prince of Wales' Hospital—
9 in-patients, 27 out-patients.

Infant Welfare Centres.

These Centres are described on a previous page under "General Provisions of Health Services in the Borough."

The average number of attendances is as follows:—

TAIBACH—Total number of attendances 3,401.

| 1941. | 1940. | 1939. | 1938. | 1937. | 1936. | 1935. | 1934. | 1933. | 1932. | 1931. |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|

Av'age No.
attending

| | | | | | | | | | | |
|----|------|----|----|----|------|------|------|------|------|----|
| 67 | 70.5 | 77 | 81 | 76 | 76.9 | 77.4 | 78.7 | 54.4 | 74.8 | 66 |
|----|------|----|----|----|------|------|------|------|------|----|

This Clinic is open weekly.

ABERAVON—Total number of attendances 682.

| | 1941. | 1940. | 1939. | 1938. | 1937. | 1936. | 1935. | 1934. | 1933. | 1932. | 1931. |
|-------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Av'age No.
attending | 27 | 18 | 51 | 77 | 83 | 82.7 | 67.1 | 75.2 | 63.6 | 61.2 | 76 |

This Centre is open fortnightly.

PENDARVES—Total number of attendances 1,363.

| | 1941 | 1940 | 1939 |
|---------------------------|------|------|------|
| Average No. attending ... | 50 | 54 | 64 |

This Clinic is held fortnightly.

CWMAVON—Total number of attendances 1,012.

| | 1941. | 1940. | 1939. | 1938. | 1937. | 1936. | 1935. | 1934. | 1933. | 1932. | 1931. |
|-------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Av'age No.
attending | 41 | 45 | 48 | 52 | 44 | 39.2 | 46.5 | 38.1 | 31.9 | 97 | 52 |

This Clinic is held fortnightly and should be held weekly.

BRYN—Total number of attendances 169.

| | 1941. | 1940. | 1939. | 1938. | 1937. | 1936. | 1935. | 1934. | 1933. | 1932. | 1931. |
|-------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Av'age No.
attending | 14 | 16 | 10 | 11 | 13 | 12 | 14 | 15.9 | 13.6 | 11.3 | 10 |

This Clinic is held monthly and it most certainly should be held more frequently.

Total attendance—Ante-natal Clinic 269; Birth Control 49.

TUBERCULOSIS.**Visits by Health Visitors.**

| | 1941 | 1940 | 1939 | 1938 | 1937 | 1936 | 1935 | 1934 | 1933 |
|--------------------------------------|------|------|------|------|------|------|------|------|------|
| No. of Re-visits | 282 | 308 | 329 | 281 | 364 | 341 | 224 | 204 | 163 |
| No. of Visits made to notified cases | 94 | 68 | 75 | 70 | 75 | 70 | 88 | 94 | 59 |

The visit of the Health Visitors is educative, and the patients are told how to help themselves through the disease and the importance of preventing the spread of infection is emphasised.

The names of child contacts attending school are obtained in this way.



TABLE I.

Summary of Statistics and Social Conditions of the Area
after correction for Inward and Outward Transfers as
furnished by the Registrar General.

| | Total. | Males. | Females. |
|--------------------|--------|--------|----------|
| Live Births:— | | | |
| Legitimate | 652 | 351 | 301 |
| Illegitimate | 20 | 12 | 8 |

Birth-rate per 1,000 population—16.4.

| | Total. | Males. | Females. |
|--------------------|--------|--------|----------|
| Still-Births:— | | | |
| Legitimate | 27 | 17 | 10 |
| Illegitimate | 0 | 0 | 0 |

Birth-rate per 1,000 (live and still) births—17.1.

| | Total. | Males. | Females. |
|--------------|--------|--------|----------|
| Deaths | 461 | 258 | 203 |

Death-rate per 1,000 of the estimated resident population—11.3.

| Deaths from Puerperal Causes :— | Rate per 1,000 total
Live & Still Births. |
|--|--|
| No. 29—Puerperal Sepsis | 1 1.4 |
| No. 30—Other Puerperal
Causes | 2 2.8 |
| Total | <u>3</u> <u>4.2</u> |

Death-rate of Infants under one year of age:—

| | |
|---|-----|
| All infants per 1,000 live births | 53 |
| Legitimate infants per 1,000 live births | 51 |
| Illegitimate infants per 1,000 illegitimate live births | 150 |
| Deaths from Cancer (all ages) | 58 |
| Deaths from Measles (all ages) | 0 |
| Deaths from Whooping Cough (all ages) | 2 |
| Deaths from Diarrhoea (under 2 yrs. of age) | 0 |

TABLE II.

**Birth-rates, Civilian Death-rates, Analysis of Mortality,
Maternal Mortality and Case Rates for certain Infectious
Diseases in the year 1941.**

| | England
and
Wales. | 126 County
Boro's and
Great
Town
including
London | 148 Smaller
Towns
(Resident
Populations
25,000 to
50,000 at
1931 Census) | London
Adminis-
trative
County |
|--|--------------------------|--|--|---|
| Rates per 1,000 Civilian Population. | | | | |
| <i>Births :—</i> | | | | |
| Live | 14.2 | 14.7 | 16.4 | 8.9 |
| Still | .51 | .58 | .6 | .33 |
| <i>Deaths :—</i> | | | | |
| All Causes | 12.9 | 14.9 | 13.0 | 16.3 |
| Typhoid and Para-
typhoid | 0.00 | 0.00 | 0.00 | .01 |
| Scarlet Fever | 0.00 | 0.00 | .01 | 0.00 |
| Whooping Cough | .06 | .07 | .06 | .04 |
| Diphtheria | .07 | .08 | .06 | .03 |
| Influenza | .19 | .17 | .20 | .15 |
| Smallpox | — | — | — | — |
| Measles | .03 | .03 | .03 | .02 |
| <i>Notifications :—</i> | | | | |
| Typhoid Fever | .03 | .02 | .03 | .04 |
| Paratyphoid Fever | .09 | .12 | .09 | .05 |
| Cerebro-Spinal Fever | .25 | .31 | .20 | .30 |
| Scarlet Fever | 1.47 | 1.49 | 1.51 | 1.01 |
| Whooping Cough | 4.39 | 4.37 | 4.50 | 3.50 |
| Diphtheria | 1.25 | 1.53 | 1.19 | .93 |
| Erysipelas | .30 | .36 | .27 | .50 |
| Smallpox | — | — | — | — |
| Measles | 10.33 | 8.27 | 10.47 | 4.77 |
| Pneumonia | 1.25 | 1.53 | 1.04 | 1.07 |
| Rates per 1,000 Live Births :— | | | | |
| Deaths under 1 year of
age | 59 | 71 | 56 | 68 |
| Deaths from Diarrhoea
& Enteritis under 2
years of age | 5.1 | 7.5 | 4.6 | 6.8 |
| Rates per 1,000 Total Births (Live & Still). | | | | |
| <i>Maternal Mortality—
(Excluding Abortion)</i> | | | | |
| Puerperal Infection
(No. 147) | .48 | } <i>Not available.</i> | | |
| Others | 1.75 | | | |
| Total | 2.23 | | | |
| <i>Notifications :—</i> | | | | |
| Puerperal Fever } | 11.91 | 15.64 | 9.43 | 2.29 |
| Puerperal Pyrexia } | | | | 19.33 |

TABLE III.
SUMMARY OF INFECTIOUS DISEASES.

The following table shows the number of Infectious Diseases notified and their distribution into Wards:—

| WARDS | | | | | | | | | | | | | | | |
|-------------|----------------|-------------|-----------------------------|------------|--------------------------|----------------------------|------------|------------------------|------------------|--------------------|---------------------------|----------------|---------------|-----------|----------------|
| | Scarlet Fever. | Diphtheria. | Diphtheria & Scarlet Fever. | Rysipelas. | Encephalitis Lethargica. | Cerebro-Spinal Meningitis. | Pneumonia. | Ophthalmia Neonatorum. | Puerperal Fever. | Puerperal Pyrexia. | Tuberculosis : Pulmonary. | Non-Pulmonary. | Enteric Fever | Small Pox | Poliomyelitis. |
| Margam W. | 4 | 21 | 0 | 3 | 0 | 3 | 2 | 0 | 0 | 0 | 16 | 2 | 0 | 0 | 0 |
| Margam C. | 4 | 10 | 0 | 3 | 0 | 3 | 1 | 0 | 0 | 0 | 14 | 6 | 0 | 0 | 0 |
| Margam N. | 2 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 5 | 0 | 0 | 0 |
| Aberavon S. | 16 | 14 | 0 | 1 | 0 | 7 | 1 | 0 | 0 | 0 | 15 | 8 | 0 | 0 | 0 |
| Aberavon N. | 8 | 11 | 1 | 2 | 0 | 8 | 2 | 0 | 0 | 0 | 15 | 1 | 0 | 0 | 1 |
| Cwmavon | 6 | 7 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 5 | 6 | 0 | 0 | 0 |
| Totals | 40 | 64 | 1 | 11 | 0 | 26 | 6 | 0 | 0 | 0 | 66 | 28 | 0 | 0 | 1 |

TABLE IV.

OPHTHALMIA NEONATORUM.

| | Notified. | TREATED— | | | Deaths. |
|--------------------------|-----------|----------|--------------|------------------|---------|
| | | At Home. | In Hospital. | Vision Impoverd. | |
| Ophthalmia Neonatorum .. | 0 | 0 | 0 | 0 | 0 |

TABLE V.

TUBERCULOSIS.

New cases and mortality during 1941.

| | NEW CASES. | | | | DEATHS. | | | |
|------------------------------------|------------|----|----------------|----|------------|----|----------------|----|
| | Pulmonary. | | Non-Pulmonary. | | Pulmonary. | | Non-Pulmonary. | |
| | M. | F. | M. | F. | M. | F. | M. | F. |
| Under 1 year | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Over 1 yr. and under 5 yrs..... | 0 | 0 | 1 | 2 | 0 | 0 | 0 | 0 |
| Over 5 yrs. and under 10 yrs..... | 0 | 0 | 3 | 1 | 0 | 0 | 1 | 0 |
| Over 10 yrs. and under 15 yrs..... | 4 | 1 | 4 | 4 | 0 | 1 | 0 | 1 |
| Over 15 yrs. and under 20 yrs..... | 7 | 5 | 3 | 5 | 2 | 3 | 2 | 1 |
| Over 20 yrs. and under 25 yrs..... | 4 | 7 | 0 | 0 | 0 | 2 | 0 | 0 |
| Over 25 yrs. and under 35 yrs..... | 12 | 7 | 2 | 2 | 4 | 4 | 2 | 1 |
| Over 35 yrs. and under 45 yrs..... | 4 | 2 | 1 | 0 | 1 | 1 | 0 | 0 |
| Over 45 yrs. and under 55 yrs..... | 4 | 4 | 0 | 0 | 2 | 2 | 1 | 0 |
| Over 55 yrs. and under 65 yrs..... | 4 | 1 | 0 | 0 | 3 | 2 | 0 | 0 |
| Over 65 yrs | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 |
| Totals | 39 | 27 | 14 | 14 | 14 | 15 | 6 | 3 |

TABLE VI.

Table showing the number of cases of Infectious Disease removed to the Hospital since the opening of the Institution.

Treated at Old Isolation Hospital years 1897 to 1931 inclusive :—

| | |
|---|-------------|
| Scarlet Fever | 1325 |
| Diphtheria | 1692 |
| Typhoid Fever | 25 |
| | <hr/> |
| | 3042 |
| Add cases treated in Hospital from Margam District
prior to Amalgamation | 172 |
| | <hr/> |
| Grand Total | 3214 |
| | <hr/> <hr/> |

Treated at Groeswen Hospital :—

| Year. | Scarlet Fever. | Diphtheria. | Scarlet Fever &
Diphtheria. | Erysipelas. | Meningitis. | Puerperal
Pyrexia. | Infantile
Paralysis. | Enteric Fever. |
|--------|----------------|-------------|--------------------------------|-------------|-------------|-----------------------|-------------------------|----------------|
| 1933 | ... 134 ... | 26 ... | 2 ... | 9 ... | 0 ... | 0 ... | 0 ... | 0 |
| 1934 | ... 175 ... | 76 ... | 1 ... | 5 ... | 0 ... | 0 ... | 0 ... | 0 |
| 1935 | ... 53 ... | 23 ... | 1 ... | 3 ... | 0 ... | 0 ... | 0 ... | 0 |
| 1936 | ... 168 ... | 27 ... | 0 ... | 7 ... | 0 ... | 0 ... | 0 ... | 2 |
| 1937 | ... 181 ... | 21 ... | 1 ... | 0 ... | 0 ... | 0 ... | 0 ... | 2 |
| 1938 | ... 289 ... | 118 ... | 0 ... | 2 ... | 1 ... | 4 ... | 3 ... | 1 |
| 1939 | ... 55 ... | 140 ... | 1 ... | 2 ... | 2 ... | 3 ... | 1 ... | 0 |
| 1940 | ... 45 ... | 133 ... | 0 ... | 5 ... | 38 ... | 5 ... | 0 ... | 0 |
| 1941 | ... 38 ... | 64 ... | 1 ... | 1 ... | 26 ... | 0 ... | 0 ... | 0 |
| Totals | ... 1138 ... | 628 ... | 7 ... | 34 ... | 67 | 12 ... | 4 ... | 5 |

TABLE VII.

Classification of causes of Death during 1941.

As recorded by the Registrar General.

| <i>Causes of Death.</i> | <i>M.</i> | <i>F.</i> |
|--|-----------|-----------|
| All Causes | 258 | 203 |
| 1. Typhoid and Paratyphoid Fevers | 0 | 0 |
| 2. Cerebro-spinal Fever | 0 | 1 |
| 3. Scarlet Fever | 0 | 0 |
| 4. Whooping Cough | 0 | 2 |
| 5. Diphtheria | 0 | 3 |
| 6. Tuberculosis of Respiratory System | 14 | 12 |
| 7. Other Forms of Tuberculosis | 7 | 5 |
| 8. Syphilitic Disease | 0 | 0 |
| 9. Influenza | 9 | 3 |
| 10. Measles | 0 | 0 |
| 11. Acute Poliomyelitis and Polioencephalitis | 0 | 0 |
| 12. Cancer of buccal cavity (M) | 4 | 0 |
| 13. Cancer of Uterus (F) | 0 | 6 |
| 14. Cancer of stomach and duodenum | 10 | 4 |
| 15. Cancer of breast | 0 | 7 |
| 16. Cancer of all other sites | 13 | 14 |
| 17. Diabetes | 1 | 1 |
| 18. Intra-cranial vascular lesions | 15 | 17 |
| 19. Heart Disease | 40 | 42 |
| 20. Other diseases of the Circulatory System | 4 | 3 |
| 21. Bronchitis | 26 | 17 |
| 22. Pneumonia | 27 | 10 |
| 23. Other Respiratory Diseases | 7 | 3 |
| 24. Ulceration of Stomach or Duodenum | 2 | 0 |
| 25. Diarrhoea under 2 years | 0 | 0 |
| 26. Appendicitis | 0 | 4 |
| 27. Other Digestive Diseases | 4 | 1 |
| 28. Nephritis | 10 | 14 |
| 29. Puerperal and Post-abortive Sepsis | 0 | 1 |
| 30. Other Maternal Causes | 0 | 2 |
| 31. Premature Birth | 6 | 6 |
| 32. Congenital Malformations, Birth Injury, Infantile
Disease | 8 | 3 |
| 33. Suicide | 4 | 0 |
| 34. Road Traffic Accidents | 12 | 0 |
| 35. Other Violent Causes | 16 | 10 |
| 36. All other causes | 16 | 12 |
| Deaths of Infants under One year :— | | |
| Total | 21 | 15 |
| Legitimate | 20 | 13 |
| Illegitimate | 1 | 2 |
| Live Births :— | <i>M.</i> | <i>F.</i> |
| Total | 364 | 313 |
| Legitimate | 352 | 305 |
| Illegitimate | 12 | 8 |
| Still-births :— | | |
| Total | 17 | 10 |
| Legitimate | 17 | 10 |
| Illegitimate | 0 | 0 |



BOROUGH OF PORT TALBOT.



Annual Report

of the

Chief Sanitary Inspector

FOR THE YEAR, 1941.



Borough of Port Talbot

To His Worship the Mayor, Aldermen and Councillors of
the Borough of Port Talbot.

Mrs. Edwards and Gentlemen,

In accordance with Ministerial instruction, this Report has been considerably modified, and whilst there is a minimum amount of comment on progress and change during the year, essential figures and statistics are well maintained so as to preserve a continuous record of our work.

Our slum clearance activities were again discontinued, but your Inspectors experienced a busy year, for since the outbreak of hostilities we have become a Food and Drugs Authority and we have a Ministry of Food Slaughtering Point within the Borough. In addition to the normal routine duties, your Inspectors also function as Billeting Officers and Food Salvage and Decontamination Officers, and are responsible for the administration of Information Centres should the necessity arise.

In conclusion I would like to express my thanks to the Members of the Council for their consideration in the conduct of the work, and to the Staff for the zeal and loyalty with which they have carried out their duties in difficult times.

I am, Mr. Mayor, Mrs. Edwards and Gentlemen,

Your obedient Servant,

G. A. Morgan.

Chief Sanitary Inspector.

**The Report of G. A. Morgan, Chief Sanitary Inspector
and Inspector under the Factory and Workshops Acts
and Housing Acts.**

GENERAL INSPECTION OF DISTRICT.

The Annual Report for 1941 is a brief Summary of the varied activities of your Inspectors during the year. The nature and number of inspections carried out during the year were as follows:—

| | |
|--------------------------------------|---------------|
| Housing Inspections & Re-inspections | 5,318 |
| Structural Defects | 879 |
| Foul Conditions | 560 |
| Disinfestations | 36 |
| Overcrowding | 234 |
| Schools | 79 |
| Pigstyes and Swine Keeping | 369 |
| Ashpits, Privies and Cesspools | 39 |
| Stables, Refuse and Manure | 132 |
| Animals Improperly Kept | 19 |
| Other Nuisances | 88 |
| Slaughterhouses | 517 |
| Meat and Other Foods | 1,301 |
| Cowsheds and Dairies | 213 |
| Water Supplies | 783 |
| Drains, Yards and W.C's. | 1,158 |
| Infectious Disease | 182 |
| Workshops and Bakehouses | 67 |
| Common Lodging Houses | 38 |
| Seamen's Lodging Houses | 17 |
| Offensive Trades | 36 |
| Cinemas | 50 |
| Tenements | 41 |
| Billeting | 5,353 |
| Information Centres | 178 |
| Food Salvage | 197 |
| Military Camps | 11 |
| Air Raid Shelters | 326 |
| Totals | <u>18,122</u> |

The number of nuisances discovered together with the number of Informal and Statutory Notices served were as follows:—

| Nature of Inspections. | Nuisances
Discovered. | Informal
Notices
Served. | Statutory
Notices
Served. |
|--------------------------------|--------------------------|--------------------------------|---------------------------------|
| Structural Defects | 121 | 121 | 41 |
| Foul Conditions | 112 | 112 | 2 |
| Overcrowding | 4 | — | 4 |
| Schools | 1 | 1 | — |
| Pigstyes & Swine Keeping | 1 | 1 | — |
| Stables, Refuse & Manure | 6 | 6 | 1 |
| Animals Improperly Kept | 2 | 2 | — |
| Other Nuisances | 10 | 10 | — |
| Cowsheds & Dairies | 11 | 11 | — |
| Water Supplies | 33 | 33 | 10 |
| Drains, Yards & W.C's. | 118 | 118 | 19 |
| Workshops & Bakehouses | 6 | 6 | — |
| Cinemas | 1 | 1 | — |
| Tenements | 7 | 7 | — |
| Totals | 433 | 429 | 77 |

The work carried out in order to abate the various nuisances discovered was as follows:—

Structural Defects.

1 under-floor ventilator provided; 15 floors relaid; 30 floors repaired; 62 walls replastered; 116 walls made damp-proof; 11 walls repaired; 1 stair repaired; 9 external walls replastered; 1 hearth repaired; 2 new ceilings provided; 35 ceilings repaired; 8 doors repaired; 2 doors rehung; 1 door-frame renewed; 3 door-frames repaired; 1 coalhouse door repaired; 1 coalhouse door-frame renewed; 4 coalhouse doors provided; 1 new back-yard gate fixed; 2 back-yard gates repaired; 3 rear entrance gates renewed; 1 back-yard frame repaired; 4 back-yard frames renewed; 4 windows renewed; 46 windows repaired; 5 windows made openable; 88 sash cords provided; 13 catches provided on windows; 1 window provided with hinges; 3 mantelpieces secured; 4 skirting boards repaired; 2 new skirting boards fixed; 2 new ovens fixed; 3 ovens repaired; 1 grate renewed; 21 grates repaired; 2 roofs re-slatted; 2 coalhouses constructed; 19 shoots provided; 7 boundary walls rebuilt; 82 roofs repaired; 2 troughings renewed; 1 subsoil water drain from house renewed; 31 shoots repaired; 11 down-spouts provided; 4 out-buildings demolished; 1 dilapidated glass roof structure removed; 1 sky-light repaired; 5 down-spouts repaired; 2 fascia boards repaired; 2 barge boards repaired; 2 capping boards repaired;

3 flushings repaired; 4 wash coppers repaired; 2 cupboards repaired; 1 gable-end wall rebuilt; 1 chimney repaired; 1 flue rebuilt; 1 new window board provided; 2 fire places repaired; 3 dry areas constructed; 1 yard area relaid; 1 fireplace re-conditioned.

Drains, Yards and W.C's.

12 drains relaid; 11 drains repaired; 2 drains laid; 1 drainage system constructed; 8 manholes constructed; 1 cesspool provided; 2 covers to manholes fixed; 1 vent shaft provided; 7 vent shafts repaired; 9 gullies provided; 4 gullies connected to drainage system; 6 gullies dished; 4 wastepipes provided; 1 separate drainage system provided; 1 stopper fixed to interceptor; 22 new w.c. pans fixed; 1 w.c. limewashed internally; 1 downspout to w.c. roof repaired; 1 new w.c. built; 19 flushing tanks fixed; 1 w.c. tank repaired; 8 w.c. seats repaired; 4 w.c. doors rehung; 1 sewer relaid; 2 yards repaired; 3 yard channellings provided; 2 ball valves made good; 13 flush tanks repaired; 2 w.c. walls replastered; 1 w.c. riser repaired; 2 w.c. door frames repaired; 6 w.c. roofs repaired; 7 joints between w.c. pan and flush pipe made good; 1 joint between sink and waste pipe made good; 1 w.c. pan secured; 6 w.c. seats provided; 3 sewers repaired; 14 yards relaid; 3 manhole covers and frames provided; 3 joints between w.c. pan and drain made good; 1 w.c. floor relaid; 1 w.c. structure repaired; 3 wash-up sinks provided; 2 w.c. roofs re-slatted; 1 new flush pipe fixed to w.c. pan; 2 overflow pipes fixed; 2 waste pipes provided to sinks; 2 joints between sink and waste pipe made good; 1 w.c. door repaired; 1 grid provided to gully; 1 pantry provided; 1 sink waste repaired; 1 bath enamelled; sanitary accommodation provided in one case.

Foul Conditions.

3 house gullies cleared; 68 blocked drains cleared; 3 blocked sewers cleared; 4 foul smells abated; 1 nuisance from discharge of slop water abated; 6 premises cleared; 1 premises adequately ventilated; 1 nuisance from back flooding of sewer abated; 1 flooding nuisance abated; 2 houses cleansed of foul conditions; 9 houses cleansed of vermin; 2 mattresses polluting streams removed; 20 cases of stagnant water cleared; 1 cesspool cleansed and emptied; 1 horse carcass removed; 1 foul ditch cleansed.

Stables, Refuse and Manure.

9 accumulations of refuse removed; 1 yard cleansed; 1 new refuse receptacle provided.

Animals Improperly Kept.

1 horse carcase removed.

Other Nuisances.

2 premises cleared of rats; 1 nuisance from smoke and grit abated.

Cinemas.

1 shoot repaired; 1 down-spout fixed.

Water Supplies.

1 new w.c. tank provided; 1 w.c. tank repaired; 2 water services repaired; 24 water supplies connected to flushing tank; 16 adequate water supplies provided to house; 1 hot water cistern secured; 2 hot water cisterns repaired; 1 water feed pipe repaired; 3 feed pipes to w.c. tanks repaired; 11 water service pipes repaired; 1 hot water tap repaired; 1 water service pipe relaid.

Tenements.

Food storage accommodation provided in one case; accommodation for clothes washing provided in one case; 1 roof repaired.

Schools.

4 new w.c. seats provided; 1 water service pipe renewed.

The following matters call for brief comment:—

Meat and Food Inspection.

The quantity of diseased and unsound meat condemned during the year at the Public Abattoir was:—

6 cow carcasses and offals affected with generalized Tuberculosis; 1 cow forequarter affected with Tuberculosis; 32 cow heads affected with Tuberculosis; 36 cow lungs affected with Tuberculosis; 8 cow livers affected with Tuberculosis; 19 cow mesenteries affected with Tuberculosis; 2 cow intestines affected with Tuberculosis; 2 cow udders affected with Mammitis; 2 cow livers affected with Cirrhosis; 12 cow livers affected with Cavernous Angioma; 1 cow liver affected with enlarged Bile Ducts; 1 cow liver affected with Abscesses and Hydatid Cysts; 25 cow livers affected with Hydatid Cysts; 6 cow livers affected with Fluke; 3 cow lungs

affected with Abscesses; 24 cow lungs affected with Hydatid Cysts; 4 cow heads affected with Actinomycosis; 1 cow heart affected with Tuberculosis; 67 beasts heads affected with Tuberculosis; 62 beasts lungs affected with Tuberculosis; 16 beasts livers affected with Tuberculosis; 36 beasts mesenteries affected with Tuberculosis; 1 beast heart affected with Tuberculosis; 2 beasts diaphragms affected with Tuberculosis; 2 beasts spleans affected with Tuberculosis; 14 beasts heads affected with Actinomycosis; 27 beasts lungs affected with Hydatid Cysts; 3 beasts lungs affected with Fluke; 1 beast lung affected with Abscesses; 6 forequarters of beef affected with Tuberculosis 75 lbs. of beef affected with Tuberculosis; 20 beasts livers affected with Hydatid Cysts; 3 beasts livers affected with Necrosis and Enlarged Bile Ducts; 18 beasts livers affected with Cirrhosis; 11 beasts livers affected with Fluke; 10 beasts livers affected with Abscesses; 3 beasts spleans affected with Congestion; 1 beast carcase and offals affected with Dropsy and Emaciation; 1 beast carcase affected with extensive Bruising; 1 pigs' carcase and offals affected with Tuberculosis; 89 pigs' heads affected with Tuberculosis; 2 pigs' lungs affected with Tuberculosis; 5 pigs' livers affected with Tuberculosis; 3 pigs' plucks affected with Tuberculosis; 4 pigs' mesenteries affected with Tuberculosis; 9 pigs' lungs affected with Pneumonia; 1 pigs' heart affected with Pericarditis; 2 pigs' livers affected with Necrosis; 1 pigs' lung affected with Hydatid Cysts; 1 pigs' lung affected with Pleurisy; 2 lbs. of Veal due to Bruising; 2,694 sheep lungs affected with Threadworm; 214 sheep lung affected with Hydatid Cyst; 44 sheep lungs affected with Abscesses; 1 sheep lung affected with Pleurisy; 1,051 sheep lungs affected with Threadworm and Hydatid Cysts; 7 sheep lungs affected with Threadworm and Fluks; 130 sheep livers affected with Fluke; 80 sheep livers affected with Parasitic; 161 sheep livers affected with Hydatid Cysts; 8 sheep livers affected with Abscesses; 18 sheep livers affected with Fluke and Parasites; 19 sheep livers affected with Tenuicollis Cysts; 111 sheep livers affected with Hydatid Cysts and Fluks; 1 sheep liver affected with Cirrhosis; 16 sheep plucks affected with Abscesses and Hydatid Cysts; 36 sheep plucks affected with Hydatid Cysts and Fluke; 191 sheep plucks affected with Threadworm and Fluke; 8 sheep plucks affected with Tenuicollis Cysts and Threadworm; 46 sheep plucks affected with Threadworm and Parasitic; 362 sheep plucks affected with Threadworm and Hydatid Cysts; 55 sheep plucks affected with Hydatid Cysts; 20 sheep plucks affected with Threadworm, Cirrhosis and Parasitic; 1 sheep heart affected with Hydatid Cyst; 1 sheep head affected with Bruising; 1 sheep heart affected with Abscesses; 8 lbs. of

mutton due to bruising; 3 sheep heads affected with Actinomycosis; 4 sheep carcasses affected with Emaciation; 5 sheep carcasses and offals affected with Asphyxiation; 19 sheep carcasses affected with Dropsy and Emaciation; 4 sheep carcasses affected with severe Bruising; 1 sheep forequarter with Adhesions.

Unsound or unwholesome food condemned or surrendered outside the Abattoir was as follows:—

1-6lb. tin of canned apples; 6-6lb. tins of luncheon meat; 1 tin of lobster; 21-2lb. pots of jam; 4-1lb. tins of marmalade; 5-1lb. pots of jam; 2 tins of beans; 106½lbs. of cheese; 3 jars of meat extract; 10-6lb. tins of corned beef; 6 1lb. tins of corned beef; 6-1 cwt. bags of salt codfish; 3-6lb. tins of rath pork luncheon meat; 37 tins of evaporated milk; 1 tin of carrots; 1 tin of meat; 2 tins of Nestle's milk; 2 tins of pineapple slices; 93½lbs. of bacon; 2lbs. of veal; 7-1lb. tins of apricot jam; 2-1lb. tins of damson jam; 16-1lb. tins of plum jam; 2-1lb. tins of blackcurrant jam; 4-1lb. tins of fish roll; 58lbs. of American bacon; 104¾lbs. of pressed beef; 3-1lb. jars of gooseberry jam; 50lbs. of peanuts; 56lbs. of sultanas; 6 boxes of kippered herrings; 46 rabbits; 121lbs. of brawn; 100lbs. of frozen beef; 16lbs. of mutton; 13lbs. of beef; 2-2½lb. tins of tomatoes; 1 tin of luncheon meat; 4 tins of peas; 1 large tin of Nestle's milk; 1 tin of apricots; 1 tin of fruit salad; 2 tins of beef stew; 1 tin of Armour's beef; 49lbs. of liver sausage.

Food and Drugs Act and Regulations.

During the year 149 samples of various foods were taken and submitted to the Public Analyst—Mr. Clarence Seyler, D.Sc., F.I.C., of Swansea. The variety of foods, number of samples and result of analysis were as follows:—

| <i>Article Sampled.</i> | <i>No. of
Samples taken.</i> | <i>Genuine.</i> | <i>Adulterated or
below standard</i> |
|-------------------------|----------------------------------|-----------------|--|
| Milk | 64 | 57 | 7 |
| Butter | 10 | 10 | — |
| Margarine | 4 | 4 | — |
| Lard | 2 | 2 | — |
| Cooking Fat | 6 | 6 | — |
| Beans | 3 | 3 | — |
| Split Peas | 1 | 1 | — |
| Pearl Barley | 1 | 1 | — |

| <i>Article Sampled.</i> | <i>No. of
Samples taken.</i> | <i>Genuine.</i> | <i>Adulterated or
below standard</i> |
|-----------------------------|----------------------------------|-----------------|--|
| Rice | 6 | 6 | — |
| Flour | 4 | 4 | — |
| Coffee | 2 | 2 | — |
| Ice Cream Powder | 5 | 5 | — |
| Bird's Custard Powder | 1 | 1 | — |
| Sugar | 2 | 2 | — |
| Tea | 4 | 4 | — |
| Vinegar | 14 | 14 | — |
| Baking Powder | 1 | 1 | — |
| Cake Flour (Sweetened) .. | 1 | 1 | — |
| Egg Substitute | 2 | 2 | — |
| Lemon Substitute | 2 | 2 | — |
| Pickling Spice | 1 | 1 | — |
| Epsom Salts | 1 | 1 | — |
| Rum | 4 | 4 | — |
| Gin | 2 | 2 | — |
| Whiskey | 1 | 1 | — |
| Beer | 5 | 5 | — |
| Totals | 149 | 142 | 7 |

Samples of Milk Adulterated or Falling below Standard.

| <i>No. of
Sample</i> | <i>Article</i> | <i>Nature of
Adulteration</i> | <i>Action Taken</i> |
|--------------------------|----------------|-----------------------------------|--|
| 221 | Milk | 12¾% Deficient in fat | Presumption of Adulteration not sustained. |
| 224 | Milk | 8% Deficient in fat | Presumption of Adulteration not sustained. |
| 233 | Milk | 18% Deficient in fat | Presumption of Adulteration not sustained. |
| 234 | Milk | 9% Deficient in fat | Presumption of Adulteration not sustained. |
| 235 | Milk | 2.7% Deficient in fat | Presumption of Adulteration not sustained. |
| 271 | Milk | 9¾% Extraneous Water | Legal Proceedings Instituted. |
| 283 | Milk | 8½% Extraneous Water | Legal Proceedings Instituted. |

Sample No. 221 was taken from a retailer on his round, and a report being received of a fat deficiency, a sample was immediately taken from a corresponding delivery of milk to this retailer at the Great Western Railway Station. This sample No. 233 again showing a deficiency of fat, a request was made to the Food and Drugs Inspector at Carmarthen

to take an "appeal to cow" sample at place of production. Two "appeal to cow" samples—Nos 234 and 235 were taken, and these again gave a deficiency of fat, therefore no action was taken in respect of samples 221 and 233, as a result of the analysis of "appeal to cow" samples Nos. 234 and 235.

Sample No. 224 was taken from a Retailer-Producer on his round and immediately upon receipt of a report that there was a deficiency of fat an "appeal to cow" sample was taken of a corresponding milking. This further sample gave a fat content of 3% (3% is the legal minimum below which milk is considered adulterated until the contrary is proved), therefore no proceedings were taken in view of its comparison with sample No. 224 which contained 2.76% of fat.

Sample No. 271 was taken from a retailer whilst on his round and was certified to contain at least $9\frac{3}{4}\%$ of extraneous water. This milk was received from a farm in the Margam area, so samples were taken of a corresponding milking from two churns before the milk was accepted at the farm by the retailer. One sample proved to be genuine but the other sample No. 283 was certified as adulterated with at least $8\frac{1}{2}\%$ of extraneous water. Proceedings were therefore taken against both the retailer and the producer. The case of the retailer was dismissed on payment of costs and analyst fee, and a penalty of £5 costs and analyst's fee imposed upon the producer.

Of a total of 149 samples taken during the year the seven deficient or adulterated samples gave a percentage of 4.69 of the whole, but when it is appreciated that the actual adulteration could not be sustained in samples 221 and 224, and that samples 233, 234 and 235 were taken in an attempt to prove adulteration or otherwise of sample 221, we were actually left with only two adulterated samples being 1.342 per cent. of the total samples taken.

The Public Health (Preservatives, Etc., in Food) Regulations 1925-1940.

Of the 149 samples of foods analysed by the Public Analyst during 1941, in three samples of beer only was the presence of Preservative reported. In one case a trace of Sulphur Dioxide was discovered, and in the two remaining cases 38 parts per million and 44 parts per million respectively of Sulphur Dioxide was discovered. This proportion being below the legal limit, of 70 parts per million, no action was taken.

Merchandise Marks Act 1926, and the Orders made thereunder, and the Imported Meat (Marking) Order 1941.

The marking of meat and other foods was thoroughly checked during the year. Several warnings were administered by your Inspectors, but bearing in mind the difficulties of tradesmen and the nature of the lapses we were not justified in taking proceedings.

Cowsheds and Dairies.

I regret to report that the standard of Milk Production has deteriorated. Increased visits of inspection to farms were therefore made during the year, and in two cases we were reluctantly obliged to institute Police Court proceedings. There were cases however where we were satisfied of the existence of difficulties over which the farmers could not exercise control.

Sampling of Milk Supplies.

30 samples of milk were submitted for Bacteriological Examination during the year of which number, only fifteen proved satisfactory, and of the remaining fifteen unsatisfactory results, six were due to under-pasteurisation.

Designated Milks.

The following persons were licenced during the year to retail graded milks within the Borough under the provisions of the Milk (Special Designations) Order 1936-1941—

Messrs. The Portavon Dairies Ltd., Port Talbot.
Tuberculin Tested Milk Bottling Licence.

Messrs. The Portavon Dairies Ltd., Port Talbot.
Pasteurised Milk : Pasteuriser's Licence.

Messrs. The Afon Valley Co-operative Society, Cwmavon.
Pasteurised Milk : Supplementary Licence.

Messrs. The Pantdu Co-operative Society, Cwmavon.
Pasteurised Milk : Supplementary Licence.

Messrs. The Pontrhydyfen Co-operative Society.

Pasteurised Milk : Supplementary Licence

Messrs. The Briton Ferry & Neath Co-operative Society.

Pasteurised Milk : Supplementary Licence

Messrs. The Tailach & Port Talbot Co-operative Society.

Pasteurised Milk : Supplementary Licence.

Messrs. The Caerau and Maesteg Co-operative Society.

Pasteurised Milk : Supplementary Licence.

Milks Licenced by outside Authorities.

Mr. Towyn Radcliffe, Kenfig Farm, Margam; and Mr. James Lean, Llanmihangel Farm, Pyle, were licenced by the Glamorgan County Council to produce and sell Accredited Milk.

Slaughterhouses.

All slaughtering of animals for sale was again centralized at the Public Abattoir, Water Street. The number of animals killed during the year was 26,113 compared with 27,571 in 1940. Statistics relative to the animals slaughtered have been supplied the Medical Officer of Health, and will be included in his report.

Notification of Slaughter and Presence of Diseased Meat.

A very satisfactory arrangement exists between Slaughterhouse Manager and Meat Inspectors. The Food Executive Officer has also provided me with lists of pigs slaughtered outside the Abattoir, and these have all been examined by your Inspectors, and the cottager or small pig breeder has therefore been protected from the possibility of consuming diseased meat.

Slaughter of Animals Act, 1933.

The provisions of this Act were complied with during the year.

Infectious Disease.

Each case of Infectious Disease notified during the year was investigated by your Inspectors. Cases that could not be properly isolated at home, were removed to hospital. The number of inspections made during the year under this heading was 182, and a total of 174 houses and 207 lots of bedding and clothing were disinfected.

The diseases notified during the year and their distribution into Wards of the Borough are as follows:—

Diphtheria.

Of the 64 cases reported, 27 were later proved to be negative and removed from our records. The recorded cases were therefore 37. These figures show a decided decrease over the number of cases reported in 1940.

| WARDS. | | | | | | | | | |
|--------|----------------|-------------------|-----------------|-------------------|-------------------|--------------|-------|----------------------------|--|
| Month. | Margam
West | Margam
Central | Margam
North | Aberavon
South | Aberavon
North | Cwm-
avon | Total | Removals
to
Hospital | |
| Jan. | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | |
| Feb. | 3 | 1 | 0 | 0 | 0 | 0 | 4 | 4 | |
| Mar. | 1 | 0 | 0 | 1 | 3 | 0 | 5 | 5 | |
| April | 3 | 0 | 0 | 0 | 1 | 0 | 4 | 4 | |
| May | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 1 | |
| June | 2 | 1 | 0 | 1 | 1 | 0 | 5 | 5 | |
| July | 1 | 0 | 0 | 2 | 1 | 0 | 4 | 4 | |
| Aug. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Sept. | 2 | 0 | 0 | 0 | 1 | 0 | 3 | 3 | |
| Oct. | 1 | 1 | 0 | 2 | 0 | 0 | 4 | 4 | |
| Nov. | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | |
| Dec. | 0 | 0 | 0 | 4 | 0 | 0 | 4 | 4 | |
| Totals | 15 | 4 | 0 | 10 | 7 | 1 | 37 | 37 | |

The number of houses affected was 61

58 houses with 1 case in each 58

3 houses with 2 cases in each 6

64 cases

Scarlet Fever.

Forty cases were notified during the year—not one of these being later withdrawn. The number was a decrease compared with 52 cases notified during 1940. Of these cases 38 were removed to hospital.

| Month. | WARDS. | | | | | | | Total | Removed to Hospital |
|--------|-------------|----------------|--------------|----------------|----------------|---------|----|-------|---------------------|
| | Margam West | Margam Central | Margam North | Aberavon South | Aberavon North | Cwmavon | | | |
| Jan. | 0 | 0 | 0 | 1 | 0 | 3 | 3 | 3 | |
| Feb. | 0 | 0 | 1 | 1 | 0 | 0 | 2 | 2 | |
| Mar. | 1 | 1 | 1 | 5 | 0 | 0 | 8 | 7 | |
| April | 0 | 0 | 0 | 5 | 0 | 0 | 5 | 5 | |
| May | 1 | 0 | 0 | 1 | 2 | 0 | 4 | 4 | |
| June | 0 | 1 | 0 | 1 | 0 | 0 | 2 | 2 | |
| July | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | |
| Aug. | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | |
| Sept. | 0 | 1 | 0 | 1 | 1 | 0 | 3 | 3 | |
| Oct. | 1 | 2 | 0 | 0 | 1 | 0 | 4 | 4 | |
| Nov. | 0 | 0 | 0 | 1 | 2 | 1 | 4 | 3 | |
| Dec. | 0 | 0 | 0 | 1 | 2 | 0 | 3 | 3 | |
| Totals | 3 | 5 | 2 | 17 | 8 | 6 | 40 | 38 | |

The number of houses affected was 39

38 houses with 1 case in each 38

1 house with 2 cases 2

40 cases

Cerebro Spinal Meningitis.

Of the 43 cases notified, 17 were proved to be negative and removed from our records. The recorded cases were therefore 26. All these cases were removed to hospital. These figures showed a decrease on 1940.

| Month. | WARDS. | | | | | | | Totals. | Removed to Hospital |
|--------|-------------|----------------|--------------|----------------|----------------|---------|----|---------|---------------------|
| | Margam West | Margam Central | Margam North | Aberavon South | Aberavon North | Cwmavon | | | |
| Jan. | 0 | 0 | 0 | 2 | 1 | 0 | 3 | 3 | |
| Feb. | 1 | 1 | 0 | 1 | 0 | 1 | 4 | 4 | |
| Mar. | 0 | 0 | 0 | 1 | 2 | 0 | 3 | 3 | |
| April | 1 | 0 | 0 | 1 | 0 | 0 | 2 | 2 | |
| May | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | |
| June | 1 | 1 | 0 | 0 | 0 | 0 | 2 | 2 | |
| July | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 1 | |
| Aug. | 0 | 1 | 0 | 0 | 1 | 0 | 2 | 2 | |
| Sept. | 1 | 1 | 0 | 0 | 0 | 0 | 2 | 2 | |
| Oct. | 0 | 0 | 0 | 0 | 1 | 1 | 2 | 2 | |
| Nov. | 0 | 0 | 0 | 0 | 2 | 1 | 3 | 3 | |
| Dec. | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | |
| Totals | 4 | 4 | 0 | 6 | 8 | 4 | 26 | 26 | |

Erysipelas.

Eleven cases of this disease were notified. Only one of these was removed to hospital.

| WARDS. | | | | | | | | | |
|--------|----------------|-------------------|-----------------|-------------------|-------------------|--------------|-------|-------------------------|--|
| Month | Margam
West | Margam
Central | Margam
North | Aberavon
South | Aberavon
North | Cwm-
avon | Total | Removals
to Hospital | |
| Jan. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Feb. | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | |
| Mar. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| April | 0 | 0 | 0 | 1 | 1 | 0 | 2 | 0 | |
| May | 1 | 0 | 1 | 0 | 0 | 0 | 2 | 0 | |
| June | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | |
| July | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Aug. | 1 | 0 | 1 | 0 | 0 | 0 | 2 | 0 | |
| Sept. | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 1 | |
| Oct. | 0 | 1 | 0 | 0 | 1 | 0 | 2 | 0 | |
| Nov. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Dec. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Totals | 4 | 2 | 2 | 1 | 2 | 0 | 11 | 1 | |

Overcrowding.

Overcrowding records and statistics are still being maintained. Our position to December 31st, 1941 as affecting each Ward of the Borough being as follows:—

| Ward. | Cases
recorded
to Dec.
31st, 1941. | Abated
during
1941. | Cases
discovered
during 1941. | Total cases
recorded
to Dec.
31st, 1941. |
|-------------------|---|---------------------------|-------------------------------------|---|
| Aberavon S. | 31 | 1 | 1 | 31 |
| Aberavon N. | 25 | 0 | 0 | 25 |
| Cwmavon | 34 | 0 | 0 | 34 |
| Margam W. | 14 | 1 | 0 | 13 |
| Margam C. | 25 | 1 | 2 | 26 |
| Margam N. | 8 | 0 | 0 | 8 |
| Council Houses .. | 11 | 0 | 1 | 12 |
| Totals | 148 | 3 | 4 | 149 |

It is very difficult to form any definite opinion regarding our overcrowding returns at the present for whereas, on the one hand, we have still a large number of evacuees in the area, on the other hand, a number of our young people are serving in the Forces and workmen from various industries have been temporarily drafted to and from other districts. So we have to wait for a period following the termination of hostilities before we can come to any definite conclusions as to the real extent of overcrowding or the lack of adequate working-class houses.

Factories.

Our activities in respect of Factories, Workshops and Workplaces were as follows:—

1.—Inspection of Factories.

| Premises.
(1) | Inspections.
(2) | Written
Notices.
(3) | Number of—
Occupiers
pro-
secuted.
(4) |
|------------------|---------------------|----------------------------|--|
| Factories | 67 | 6 | — |
| Workshops | — | — | — |
| Workplaces | — | — | — |
| Total | 67 | 6 | — |

2.—Defects found in Factories.

| Particulars.
(1) | Number of Defects— | | | Number
of offences
in respect
of which
Prosecu-
tions were
instituted
(5) |
|--|--------------------|-----------------------|--|--|
| | Found.
(2) | Reme-
died.
(3) | Referred
to H.M.
Inspector.
(4) | |
| Nuisances under the
Public Health Acts— | | | | |
| Cleanliness | 1 | 1 | — | — |
| Ventilation | — | — | — | — |
| Overcrowding | — | — | — | — |
| Drainage of Floors .. | — | — | — | — |
| Other Nuisances | 6 | 8 | — | — |
| Sanitary Accommodation— | ..... | ..... | ..... | ..... |
| Insufficient | 1 | 1 | — | — |
| Defective | — | — | — | — |
| Not Seperate | — | — | — | — |
| Total | 8 | 10 | — | — |

The following work was carried out during the year:—
1 blocked drain cleared, 1 w.c. limewashed, 1 intervening ventilated space to w.c's. provided; 2 thermometers provided, 1 w.c. cleansed, 1 new window provided, 1 accumulation removed, 2 new w.c's. built, 1 premises cleansed, 3 new w.c. pans provided, 2 new w.c. seats provided, 2 new drains provided, 1 new manhole provided.

Increase of Rents & Mortgage (Interest) Restriction Acts.

A certificate was granted during the year in respect of 11, Post Office Square, Cwmavon.

Miscellaneous War-time Duties.

Your Sanitary Inspectors perform the following war-time emergency duties:—Billeting of Evacuees, War Workers and Homeless; Decontamination and Salvage of Foodstuffs; Information Centre Service; Co-operation with the Services on Sanitary matters; Disinfection of Air-raid Shelters.

These emergency duties were extensively reported upon in the 1940 Annual Report.

Prosecutions.

We were reluctantly obliged to institute the following prosecutions during the year:—

| <i>Name.</i> | <i>Offence.</i> | <i>Result.</i> |
|------------------------------|--|--------------------------|
| W. David, Margam ... | Milk adulterated with 8½% water | Penalty of £5 and costs. |
| | Unregistered Milk Seller | Costs. |
| | Unregistered Cowshed | Costs. |
| | Inadequate light and ventilation to cowshed | Costs. |
| | Unclean cowshed | Penalty of 10/-. |
| | Cowshed not limewashed | Penalty of 10/-. |
| | Failure to remove dung from cowshed | Penalty of 10/-. |
| | Unclean access to cowshed | Costs. |
| | Failure to milk in good and proper light | Costs. |
| | Unclean milking stools | Penalty of 10/-. |
| R. Heurde, Wern Rd. ... | Milk adulterated with 9¾% water | Costs. |
| H. Jones, Baglan ... | Unclean cowshed | Penalty of £5 and costs. |
| | Poultry kept in milk room | Penalty of £1 and costs. |
| | Insufficient supply of water to dairy | Penalty of £1 and costs. |
| | Cowsheds not limewashed | Penalty of £1 and costs. |
| | Unclean milking stools | Penalty of £1 and costs. |
| | Dirty cows | Penalty of £1 and costs. |
| W. H. Griffiths,
Aberavon | Structural and Sanitary Defects at 11, Beach
Street, Aberavon | Order and Costs. |



